

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listing of claims in the application.

Listing of Claims:

1. (Currently amended) A portable wireless communication device that is connectable to and disconnectable from an external port of a computing device by a user to provide the computing device with wireless Internet access, the portable wireless communication device not being an integrated part of the computing device, comprising:

a structural device interface that is user-connectable to and user-disconnectable from a structural[[,]] non-wireless external port of the computing device;

a wireless communication component for enabling wireless radio frequency communication;

a memory circuit storing computer software, the memory circuit including that includes a private memory area for storing data that is not accessible or viewable at the private memory area by a user, the private memory area storing protected ~~computer~~ software, the protected ~~computer~~ software being ~~installable and executable~~ at the computing device to enable the wireless radio frequency communication at the computing device;

a memory controller for managing communication with the structural device interface, the memory controller providing ~~autorun~~ automatic operation that includes obtaining the protected ~~computer~~ software from the private memory area, and the memory controller facilitating automatic installation of the ~~protected~~ computer software that includes the protected software on the computing device upon connecting the portable wireless communication device to the computing device[[,]];

whereby the portable wireless communication device is operable to install and execute the ~~protected~~ computer software that includes the protected software at the computing device automatically upon connecting the portable wireless communication device to the computing device, and to provide the computing device with wireless

Internet access through the wireless communication component of the portable wireless communication device.

2. (Currently Amended) The portable wireless communication device of claim 1 in which the memory circuit further includes a file storage memory segment to store data content, the file storage memory segment being accessible by the computing device.

3. (Currently amended) The portable wireless communication device of claim 1 in which the private memory area includes a first memory section ~~in which is stored to store~~ the protected ~~computer~~ software and a second memory section ~~in which is stored to store~~ code for operating the memory controller included in the portable wireless communication device.

4. (Currently amended) The portable wireless communication device of claim 1 in which the ~~protected~~ computer software is further operable to be uninstalled, or at least partly removed, from the computing device automatically upon disconnection of the structural device interface from the structural ~~external interface non-wireless external port~~ of the computing device, the ~~protected computer software~~ being uninstalled from the computing device by software launched from the portable wireless communication device.

5. (Cancelled)

6. (Currently Amended) The portable wireless communication device of claim 1 further comprising a user-operable external switch to provide user control of activation and deactivation of the wireless communication component.

7. (Currently Amended) The portable wireless communication device of claim 1 further comprising a battery for powering the portable wireless communication device

without connection to the computing device so that the portable wireless communication device is operable to receive data content via wireless communication.

8. (Currently amended) The portable wireless communication device of claim 1 ~~7 further comprising a user operable external switch to provide user control of operation of the communication device without connection to the computing device wherein the computing device further comprises at least one of a desktop PC, a laptop PC, a tablet computer, a server, a handheld computer, an Internet information appliance, a mobile phone, and a web pad.~~

9. (Currently Amended) The portable wireless communication device of claim 1 in which the structural device interface corresponds to a universal serial bus interface.

10. (Currently Amended) The portable wireless communication device of claim 1 in which the structural device interface corresponds to one of a Firewire format, a Compact Flash format, and a Secure Digital format.

11. (Currently amended) The portable wireless communication device of claim 1 in which the wireless communication component corresponds to complies with at least one protocol within a Bluetooth standard of wireless communication.

12. (Currently amended) The portable wireless communication device of claim 1 in which the wireless communication component corresponds to one of a complies with at least one protocol within one or more IEEE802.11 a, IEEE802.11b, IEEE802.11g, IEEE802.11f, IEEE802.15, or IEEE802.17 standards of wireless communication.

13. (Currently amended) The portable wireless communication device of claim 1 in which the protected computer software further provides[[ing]] data content for output service that, which includes one or more of printing, displaying, projecting and audio output of data content, to one or more output devices associated with the computing device.

14. (Cancelled)

15. (Currently Amended) The portable wireless communication device of claim 1 ~~in which~~ wherein the portable wireless communication device is configured as a dongle.

16. (Cancelled)

17. (Cancelled)

18. (Cancelled)

19. (Currently amended) A portable wireless communication device[[],] that is connectable to and disconnectable from an external port of a computing device by a user to provide the computing device with wireless Internet access, the portable wireless communication device not being an integrated part of the computing device, comprising:

a structural device interface that is user-connectable to and user-disconnectable from a structural non-wireless ~~external port~~ interface of the computing device;

a wireless communication component for enabling wireless radio frequency communication;

a memory circuit having a public memory area that is accessible and viewable by a user ~~for storage~~ storing data, and a private memory area that is not accessible or viewable by the user for storing data, the private memory area storing therein at least part of a protected ~~computer software application~~ data that is operable to be automatically ~~installed and~~ executed on the computing device upon connecting the structural device interface to the structural non-wireless external interface of the computing device, thereby to provide the computing device with wireless Internet

access through the wireless communication component of the portable wireless communication device; and

a memory controller operable for managing communication through the structural device interface and for accessing the memory component circuit that includes the private memory area of the portable wireless communication device.

20. (Currently amended) The portable wireless communication device of claim 19 in which the memory circuit further stores at least part of an autorun software that is operable to install and execute ~~the protected~~ a computer software application on the computing device automatically upon connection of the structural device interface to the structural non-wireless external interface of the computing device.

21. (Currently amended) The portable wireless communication device of claim 20 in which one of the autorun software and ~~protected~~ the computer software application is further operable to uninstall or remove at least part of the protected ~~computer software application~~ data from the computing device automatically upon disconnection of the structural device interface [[to]] from the structural non-wireless external interface of the computing device.

22. (Cancelled)

23. (Currently Amended) The portable wireless communication device of claim 19 in which the private memory area of the memory circuit includes a first memory section ~~in which is stored~~ to store the protected ~~computer software application~~ data and a second memory section ~~in which is stored~~ to store code for operating the [[for]] memory controller.

24. (Cancelled)

25. (Currently Amended) The portable wireless communication device of claim 19 further comprising a user-operable external switch to provide the user control of activation and deactivation of the wireless communication component.

26. (Currently Amended) The portable wireless communication device of claim 19 further ~~comprising a user operable external switch to provide user control of battery-powered operation of the communication device. wherein the computing device further comprises wireless software installed or pre-installed, the wireless software enabling the computing device with wireless Internet access via the wireless communication component of the portable wireless communication device by employing the protected data received from the memory circuit of the wireless communication device.~~

27. (Currently Amended) The portable wireless communication device of claim 19 in which the memory controller is included in the wireless communication component structural device interface corresponds to a universal serial bus interface.

28. (Currently Amended) The portable wireless communication device of claim 19 wherein ~~the structural device interface does not correspond to a universal serial bus interface. the protected data further comprises computing software and, upon connecting the portable wireless communication device to the structural non-wireless external interface of the computing device, the portable wireless communication device is configured to automatically executing the one or more computing software at the computing device.~~

29. (Currently Amended) The portable wireless communication device of claim 19 in which the wireless communication component complies with at least one protocol consistent with corresponds to a Bluetooth standard of wireless communication.

30. (Currently Amended) The portable wireless communication device of claim 19 in which the wireless communication component complies with at least one protocol

consistent corresponds to one that is compatible to one operating in within one or more IEEE 802.11 standards of wireless communication.

31. (Cancelled)

32. (Cancelled)

33. (Currently Amended) The portable wireless communication device of claim 19 ~~in which~~ wherein the portable wireless communication device is configured as a dongle.

34. (Cancelled)

35. (Cancelled)

36. (Cancelled)

37. (Currently amended) The portable wireless communication device of claim 19 further comprising a battery to provide battery-powered operation of the communication device.

38. (Cancelled)

39. (Currently amended) A portable wireless communication device subcombination for providing a computing device with wireless Internet access, the portable wireless communication device not being an integrated part of the computing device and being connectable to and disconnectable from an external port of the computing device by a user, comprising:

a USB interface for connecting to a structural, ~~external~~ non-wireless external port of a computing device;

a hub with one or more ports, including a port for connecting with a wireless communication component and a port for connecting with a memory circuit, the wireless communication component enabling wireless radio frequency communication, and the memory circuit storing protected computer software data[[,]] within a private area, the protected data stored in the private area of the memory circuit that is not being accessible or viewable at the private area by a user, the computer software protected data being installable and executable on the computing device to provide the computing device with wireless Internet access upon connecting the portable wireless communication device [[with]] to the computing device; and

a memory controller having a processor that is executable to:

manage communication with the hub and the USB interface,
facilitate an autorun operation for automatically launching and installing executing, on the computing device, the protected computer software data upon connecting the USB interface to the computing device, and
access the protected computer software data [[in]] from the private area of the memory circuit.

40. (Currently amended) The subcombination of claim 39 in which the memory circuit further includes a file storage memory segment to store data content, the file storage memory segment being accessible by the computing device for storing data.

41. (Currently amended) The subcombination of claim 39 in which the memory circuit further includes [[a]] the private memory component area that includes with a first memory section in which is stored to store the protected computer software data and a second memory section in which is stored to store data for operating the memory controller.

42. (Currently amended) The subcombination of claim 39 in which the protected data includes at least part of computer software and the computer software is further operable to be uninstalled uninstall or remove at least part of the computer software from the computing device automatically upon disconnection of the structural device

USB interface from the structural ~~external interface~~ non-wireless external port of the computing device, the ~~protected computer software~~ being uninstalled from the computing device by software launched from the portable wireless communication device.

43. (Currently amended) The subcombination of claim 39 further comprising a user-operable external switch to provide user control of activation and deactivation of the wireless component. wherein the protected data further comprises computing software and, upon connecting the portable wireless communication device to the structural non-wireless external port of the computing device, the subcombination being configured to automatically install and execute the computing software at the computing device.

44. (Currently amended) The subcombination of claim 39 further comprising a battery for powering the wireless communication component without connection to the computing device so that the communication component is operable to receive data content via wireless communication.

45. (Currently Amended) The subcombination of claim 39 further comprising a user-operable external switch to provide user control of operation of the portable wireless communication component device subcombination.

46. (Currently Amended) The subcombination of claim 39 in which the portable wireless communication device subcombination complies with at least one protocol within corresponds to a Bluetooth standard of wireless communication.

47. (Currently amended) The subcombination of claim 39 in which the portable wireless communication device subcombination complies with at least one protocol consistent corresponds to one of a within one or more IEEE802.11 a, IEEE802.11b, IEEE802.11g, IEEE802.11f, IEEE802.15, or IEEE802.17 standards of wireless communication.

48. (Currently Amended) The subcombination of claim 39 in which the portable wireless communication device subcombination is configured as a dongle.

49. (Currently amended) The portable wireless communication device of claim 1 in which the wireless communication component further includes a radio component and a baseband controller for enabling the wireless radio frequency communication.

50. (Currently amended) The portable wireless communication device of claim 19 in which the wireless communication component further includes a radio component and a baseband controller for enabling the wireless radio frequency communication.

51. (New) A method for providing a computing device with wireless Internet access with a portable wireless communication device, the portable wireless communication device not being an integrated part of the computing device and including:

a structural device interface that is user-connectable to and user-disconnectable from a structural non-wireless external port of the computing device,

a wireless communication component for enabling wireless radio frequency communication,

an internal memory component that is not accessible or viewable for storing data in the memory component by a user, the internal memory component storing at least part of protected data, and

a memory controller for managing communication through the structural device interface and for accessing the internal memory component that includes the at least part of protected data, the portable wireless communication device implemented method comprising:

providing automatically the at least part of protected data from the internal memory component of the wireless communication device to the computing device upon connecting the portable wireless communication device to the structural non-wireless external port of the computing device;

enabling the computing device with wireless Internet access through the wireless communication component of the portable wireless communication device with the at least part of protected data provided from the internal memory component of the portable wireless communication device, the enabling of the computing device with wireless Internet access being in response to the portable wireless communication device being connected to the structural non-wireless external port of the computing device; and

upon disconnecting the portable wireless communication device from the computing device, not enabling the computing device with wireless Internet access through the wireless communication component of the portable wireless communication device.

52. (New) The method of claim 51 further comprising intercepting a disconnection signal at the computing device and, in response to intercepting the disconnection signal, removing or uninstalling the at least part of protected data from the computing device.

53. (New) The method of claim 51 in which the at least part of protected data includes wireless software and the method further comprises automatically launching and executing the wireless software upon connecting the portable wireless communication device to the structural non-wireless external port of the computing device.

54. (New) The method of claim 51 in which the computing device includes wireless software installed or pre-installed and the wireless software further enabling the computing device with wireless Internet access through the wireless communication component of the portable wireless communication device by employing the at least part of protected data from the internal memory component of the wireless communication device.

55. (New) The method of claim 53 or 54 in which the wireless software further provides a graphical user interface (GUI) for obtaining authentication information related to the user for wireless connection.

56. (New) The method of claim 51, in which the computing device comprises at least one of a desktop PC, a laptop PC, a tablet computer, a server, a handheld computer, an Internet information appliance, a mobile phone, and a web pad.

57. (New) A method for providing a computing device with wireless Internet access with a portable wireless communication device, the portable wireless communication device not being an integrated part of the computing device and the portable wireless communication device including:

a USB device interface that is user-connectable to and user-disconnectable from a non-wireless external USB port of the computing device,

a wireless communication component for enabling wireless radio frequency communication,

a memory component where the memory of the memory component is not accessible and not viewable by a user for storing data, the memory component storing at least part of protected data, and

a memory controller for managing communication through the USB device interface and for accessing at least part of the protected data from the memory component, the portable wireless communication device implemented method comprising:

connecting the portable wireless communication device to the non-wireless external USB port of the computing device for automatically providing the at least part of protected data from the memory component of the portable wireless communication device to the computing device upon connecting the portable wireless communication device to the computing device, thereby

enabling the computing device with wireless Internet access via the wireless communication component of the portable wireless communication device with the at least part of protected data provided from the portable wireless communication device,

the enabling of the computing device for wireless Internet access being in response to the portable wireless communication device being connected to the non-wireless external USB port of the computing device; and

disconnecting the portable wireless communication device from the computing device, thereby

not enabling the computing device with wireless Internet access via the wireless communication component of the portable wireless communication device with the at least part of protected data upon disconnection of the portable wireless communication device from the non-wireless external USB port of the computing device.

58. (New) The method of claim 57 in which the at least part of protected data includes wireless software and in which connecting the portable wireless communication device to the non-wireless external USB port thereby automatically launches and executes the wireless software upon connecting the portable wireless communication device to the non-wireless external USB port of the computing device.

59. (New) The method of claim 57 in which the computing device includes wireless software installed or pre-installed and the wireless software employing the at least part of protected data from the memory component of the wireless communication device for enabling the computing device with wireless Internet access.

60. (New) The method of claim 58 or 59 in which the wireless software further provides a graphical user interface (GUI) for obtaining authentication information related to the user for wireless connection.

61. (New) The method of claim 57 in which connecting the portable wireless communication device to the non-wireless external USB port thereby enables the computing device with one or more functions including at least one of messaging, e-mail, phone call, file transfer, file sharing, document editing/collaboration, and output data to an output device.

62. (New) The method of claim 57 in which the portable wireless communication device further comprises a public memory area for storage of data, the public memory area being accessible and viewable by a user.

63. (New) A method for providing a computing device with wireless Internet access via a portable wireless communication device, the portable wireless communication device not being an integrated part of the computing device and including:

a structural device interface that is user-connectable to and user-disconnectable from a structural non-wireless external port of the computing device,

a wireless communication component that includes a radio and a baseband controller for enabling wireless radio frequency communication, the wireless communication component including a processor for managing the wireless communication component to comply with one or more wireless protocols,

a memory component storing computing software data, and

a memory controller for managing communication through the structural device interface and for accessing the memory component, the portable wireless communication device implemented method comprising:

installing and executing automatically at least part of the computing software data from the memory component of the wireless communication device upon connecting the portable wireless communication device to the structural non-wireless external port of the computing device;

enabling the computing device with wireless Internet access through the wireless communication component of the portable wireless communication device via a computing software that includes the at least part of the computing software data accessed from the memory component of the portable wireless communication device, and the enabling of the computing device wireless Internet access via the wireless communication component of the portable wireless communication device being in response to the portable wireless communication device being connected to the

computing device via the structural non-wireless external port of the computing device; and

intercepting a disconnection signal of the portable wireless communication device at the computing device and, in response to intercepting the disconnection signal at the computing device, not enabling the computing device with wireless Internet access.

64. (New) The method of claim 63 in which the computing software further provides a graphical user interface (GUI) for obtaining authentication information related to a user for wireless connection.

65. (New) The method of claim 63, wherein the memory component further comprises a protected memory area that is not viewable or accessible by a user for storing data.

66. (New) The method of claim 63 further comprising enabling the computing device with one or more functions including at least one of messaging, e-mail, phone call, file transfer, file sharing, document editing/collaboration, and output data to an output device, subsequent to connecting the portable wireless communication device to the computing device.

67. (New) The method of claim 63, wherein the computing device further comprises at least one of a desktop PC, a laptop PC, a tablet computer, a server, a handheld computer, an Internet information appliance, a mobile phone, and a web pad.

68. (New) The method of claim 63 wherein the one or more wireless communication protocols includes at least one protocol that is consistent within one or more IEEE802 standards of wireless communication.

69. (New) A portable wireless communication device, that is connectable to and disconnectable from an external port of a computing device by a user to provide the

computing device with wireless Internet access, the portable wireless communication device not being an integrated part of the computing device, the portable wireless communication device comprising:

a structural device interface that is user-connectable to and user-disconnectable from a structural non-wireless external port of the computing device;

a wireless communication component for enabling wireless radio frequency communication;

a memory component that includes a private area storing therein at least part of protected data, the private area of the memory component not being accessible and not being viewable by the user for storing data at the private area, and the at least part of protected data is operable to be automatically executed on the computing device upon connecting the structural device interface to the structural non-wireless external port of the computing device to provide the computing device with wireless Internet access through the wireless communication component of the portable wireless communication device and, upon disconnection of the portable wireless communication device from the computing device, not providing the computing device the at least part of protected data for wireless Internet access via the wireless communication component of the portable wireless communication device; and

a memory controller for managing communication through the structural device interface and for accessing the memory component that includes the private area.

70. (New) The portable wireless communication device of claim 69, wherein, upon disconnection of the portable wireless communication device from the computing device, the at least part of protected data executed at the computing device intercepts a disconnection signal at the computing device and, in response to intercepting the disconnection signal, removes or uninstalls the at least part of the protected data from the computing device.

71. (New) The portable wireless communication device of claim 69 wherein the at least part of protected data includes one or more computing software, and upon

connecting the portable wireless communication device to the structural non-wireless external port of the computing device, the portable wireless communication device is configured to automatically execute the computing software at the computing device.

72. (New) The portable wireless communication device of claim 69 wherein the computing device includes wireless software installed or pre-installed and the wireless software further enabling the computing device with wireless Internet access via the wireless communication component of the portable wireless communication device by employing the at least part of protected data.

73. (New) The portable wireless communication device of claim 69 is further configured to provide the computing device with one or more functions including at least one of messaging, e-mail, phone call, file transfer, file sharing, document editing/collaboration, and output data to an output device, via the portable wireless communication device.

74. (New) The portable wireless communication device of claim 69 wherein the computing device comprises at least one of a desktop PC, a laptop PC, a tablet computer, a server, a handheld computer, an Internet information appliance, a mobile phone, and a web pad.

75. (New) The portable wireless communication device of claim 69 wherein the wireless communication component complies with at least one protocol within one or more IEEE802 standards of wireless communication.

76. (New) The portable wireless communication device of claim 69 wherein the wireless communication component further includes a radio and a baseband controller for enabling wireless radio frequency communication.

77. (New) The portable wireless communication device of claim 69 wherein the memory component is included in the wireless communication component.

78. (New) A portable communication device for providing a phone calling function at a computing device, the portable communication device not being an integrated part of the computing device and being connectable to and disconnectable from an external port of the computing device by a user, the device comprising:

a USB interface for connecting to an external non-wireless USB port of a computing device;

a memory circuit storing at least a phone calling software component, the memory circuit including a private memory area storing protected data, the private memory area not being viewable or accessible by the user for storing data;

a memory controller having a processor that is executable to:

manage communication between the memory circuit and the USB interface, and

facilitate an autorun operation for automatically launching and executing on the computing device the at least a phone calling software component subsequent to connecting the USB interface to the computing device, the autorun operation including accessing the protected data from the private memory area of the memory circuit with the portable communication device connected to the external non-wireless USB port of the computing device;

whereby the portable communication device is operable to launch and execute the at least a phone calling software component automatically subsequent to connection of the portable communication device to the computing device to enable the phone calling function at the computing device that includes accessing the protected data from the private memory area of the portable communication device and, upon disconnection of the portable communication device from the external non-wireless USB port of the computing device, automatically not enabling the phone calling function at the computing device.

79. (New) The portable communication device of claim 78, wherein the computing device further comprises at least one of a desktop PC, a laptop PC, a tablet

computer, a server, a handheld computer, an Internet information appliance, a mobile phone, and a web pad.

80. (New) The portable communication device of claim 78 further comprising a hub having one or more ports including a port for connecting to the memory circuit.

81. (New) The portable communication device of claim 80 wherein the hub is included in the memory controller.

82. (New) The portable communication device of claim 78 further comprising uninstalling or removing the at least part of a phone calling software from the computing device upon disconnection of the portable communication device from the computing device.

83. (New) A method for providing a phone calling function to a computing device with a portable communication device that is connectable to and disconnectable from an external port of the computing device by a user, the portable communication device not being an integrated part of the computing device and including:

an interface for connecting to a structural non-wireless external port of a computing device,

a memory circuit storing at least a phone calling software component for enabling the phone calling function at the computing device, the memory circuit including a private memory area that is not accessible or viewable by the user for storing data, the private memory area storing at least part of protected data;

a memory controller having a processor that is executable to:

manage communication between the memory circuit and the interface,

facilitate an autorun operation for automatically launching and executing, on the computing device, the at least a phone calling software component subsequent to connecting the interface to the computing device, and

access the at least part of protected data from the private memory area of the memory circuit,

the portable communication device implemented method comprising:

launching and executing automatically the at least a phone calling software component from the memory circuit of the communication device subsequent to connecting the portable communication device to the structural non-wireless external port of the computing device;

accessing by the memory controller, at least part of protected data in the private memory area of the memory circuit;

enabling the phone calling function at the computing device via phone calling software that includes the at least a phone calling software component, and the enabling of the phone calling function being with the portable communication device connected to the structural non-wireless external port of the computing device;

intercepting, by the phone calling software, a disconnection signal of the portable communication device at the computing device and, in response to intercepting the disconnection signal by the phone calling software, automatically not enabling the phone calling function at the computing device.

84. (New) The method of claim 83 further comprising installing automatically the at least part of a phone calling software at the computing device upon connecting the portable communication device to the computing device.

85. (New) The method of claim 83 wherein the portable communication device further comprises a hub having one or more ports including a port for connecting to the memory circuit.

86. (New) The method of claim 83 further comprising exiting the at least part of a phone calling software component from the computing device upon disconnection of the portable communication device from the computing device.

87. (New) The method of claim 83 wherein the private memory area further stores the at least part of a phone calling software component.

88. (New) A method for providing a phone calling function with a portable communication device that is connectable to and disconnectable from an external port of a computing device by a user, the portable communication device not being an integrated part of the computing device and including:

a USB interface for connecting to an external non-wireless USB port of the computing device,

a memory circuit storing at least a phone calling software component for enabling the phone calling function with the computing device, the memory circuit including a private area storing protected data, at least part of the protected data stored in the private area not being accessible or viewable by the user;

a memory controller having a processor that is executable to:

manage communication between the memory circuit and the interface,

facilitate an autorun operation for automatically launching and executing on the computing device the at least a phone calling software component upon connecting the USB interface to the computing device, and

access protected data from the private area of the memory circuit,

the portable communication device implemented method comprising:

connecting the portable communication device to the external non-wireless USB port of the computing device for automatically launching and executing, at the computing device, the at least a phone calling software component from the memory circuit of the portable communication device subsequent to connecting the portable communication device to the external non-wireless USB port of the computing device, thereby

accessing, by the memory controller, the private area of the memory circuit in the portable communication device, and enabling the phone calling function at the computing device with phone calling software that includes the at least a phone calling software component, and the enabling of the phone calling function being in response to

the portable communication device being connected to the external non-wireless USB port of the computing device; and

disconnecting the portable communication device from the external non-wireless USB port of the computing device to automatically trigger an exit of at least part of the phone calling software launched from the memory circuit of the portable communication device, thereby not enabling the phone calling function at the computing device via the phone calling software.

89. (New) The method of claim 88 in which connecting the portable communication device to the external non-wireless USB port thereby automatically installs the at least part of the phone calling software at the computing device upon connecting the portable communication device to the computing device.

90. (New) The method of claim 88 in which disconnecting the portable communication device from the external non-wireless USB port thereby uninstalls or removes the at least part of the phone calling software from the computing device upon disconnection of the portable communication device from the computing device.

91. (New) The method of claim 88 wherein the portable communication device further comprises a hub having one or more ports including a port for connecting to the memory circuit.

92. (New) The method of claim 88 wherein the portable communication device further includes a wireless component for wireless communication.

93. (New) A portable communication device for providing phone calling function with a computing device, the portable communication device not being an integrated part of the computing device and being connectable to and disconnectable from an external port of the computing device by a user, the device comprising:

an interface for connecting to a structural non-wireless external port of a computing device;

a memory circuit storing phone calling computer software, the memory circuit including an internal memory area that is not viewable or accessible by a user for storing data, at least a phone calling computer software component being stored in the internal memory area;

a memory controller having a processor that is executable to:

manage communication between the memory circuit and the interface,
facilitate an autorun operation for automatically launching and executing,
on the computing device, the at least a phone calling software component
upon connecting the USB interface to the computing device, and
access internal memory area of the memory circuit;

whereby the portable communication device is operable to install and execute
the at least a phone calling software component at the computing device automatically
subsequent to connecting the portable communication device to the computing device
to enable the phone calling function at the computing device, and the memory
controller being operable to access the internal memory area of the portable
communication device with the portable communication device connected to the
structural non-wireless external port of the computing device and, upon disconnection
of the portable communication device from the computing device, to trigger an exit, at
the computing device, of at least one phone calling software component launched
from the portable communication, and to not enable phone calling function at the
computing device with the disconnection of the portable communication device.

94. (New) The portable communication device of claim 93 further comprising
a hub having one or more ports including a port for connecting to a memory circuit.

95. (New) The portable communication device of claim 93 further comprising
a wireless component for wireless communication.

96. (New) The portable communication device of claim 93 wherein the
portable communication device is configured to uninstall or remove at least part of the

phone calling software from the computing device upon disconnection of the portable communication device from the computing device.

97. (New) The portable communication device of claim 93 wherein the at least a phone calling computer software component stored in the internal memory area includes data for enabling phone calling.

98. (New) The portable communication device of claim 93 wherein the memory circuit further comprises a public memory area for storage of data that is accessible and viewable by a user when the user accesses or views the data from the public memory area.